

PC8500 Portable pH/Conductivity Meter



Main Features

- Equipped with the 201T-F pH electrode and the 2301T-S conductivity electrode, each with an integrated temperature sensor
- Silicone sleeve provides a secure, firm grip and protects against impacts
- Water- and dust-proof (IP57) for use in harsh environments
- Fold-out stand for comfortable indoor operation
- Fast and easy 1- to 3-point calibration
- Large backlit LCD simultaneously shows conductivity, pH, and temperature, plus additional measurement and calibration information
- Self-diagnosis assists with calibration and troubleshooting
- GLP data management (500 memory groups) with data output via USB, including real-time logging

Technical Parameters

pH	Measuring range	-2,00 to 16,00
	Resolution	0,1/0,01
	Accuracy	± 0,01pH (± 1 digit)
	Calibration Points	1 to 3 points
	Temp.-Compensation	0 to 100 °C (automatic or manual)
mV	Measuring range	±2.000 mV
	Resolution	0,1/1 mV
	Accuracy	±0,1 % F.S. (± 1 digit)
Conductivity	Measuring range	0 - 200 mS/cm; (0,00 - 19,99) µS/cm; (20,0 - 199,9) µS/cm; (200 - 1999) µS/cm; (2,00 - 19,99) mS/cm; (20,0 - 199,9) mS/cm TDS: 0,10 to 100 g/l Salinity: 0,00 to 100 ppt
	Resolution	0,01/0,1/1 µS/cm, 0,01/0,1 mS/cm
	Accuracy	±1,0 % F.S. (± 1 digit)
	Cell constant	0,1/ 1 /10 cm-1
	Temp.-Compensation	0 to 50 °C (automatic or manual)
Temperature	Measuring range	0 to 100°C
	Resolution	0,1°C
	Accuracy	±0,5°C (± 1 digit)
Other	Power supply	3 × AAA Batteries
	IP rating	IP57
	Dimensions	88×170×33 mm (with case 360×270×76 mm)
	Weight	313 g (with case 1,4 kg)
	Electrode connectors	BNC (pH/ORP), 8-pin (conductivity), RCA (temperature)

What's in the Kit

PC8500 pH/Conductivity Meter	1
201T-F pH electrode + 2301T-S conductivity electrode	1 each
Calibration solutions (pH 4,00; pH 7,00; pH 10,01), 50 ml each	1 each
Standard solutions (84 µS/cm; 1413 µS/cm; 12,88 mS/cm), 50 ml each	1 each
AA batteries	3
USB cable + USB stick with PC-Link software	1
Electrode clip	1
Carrying case	1